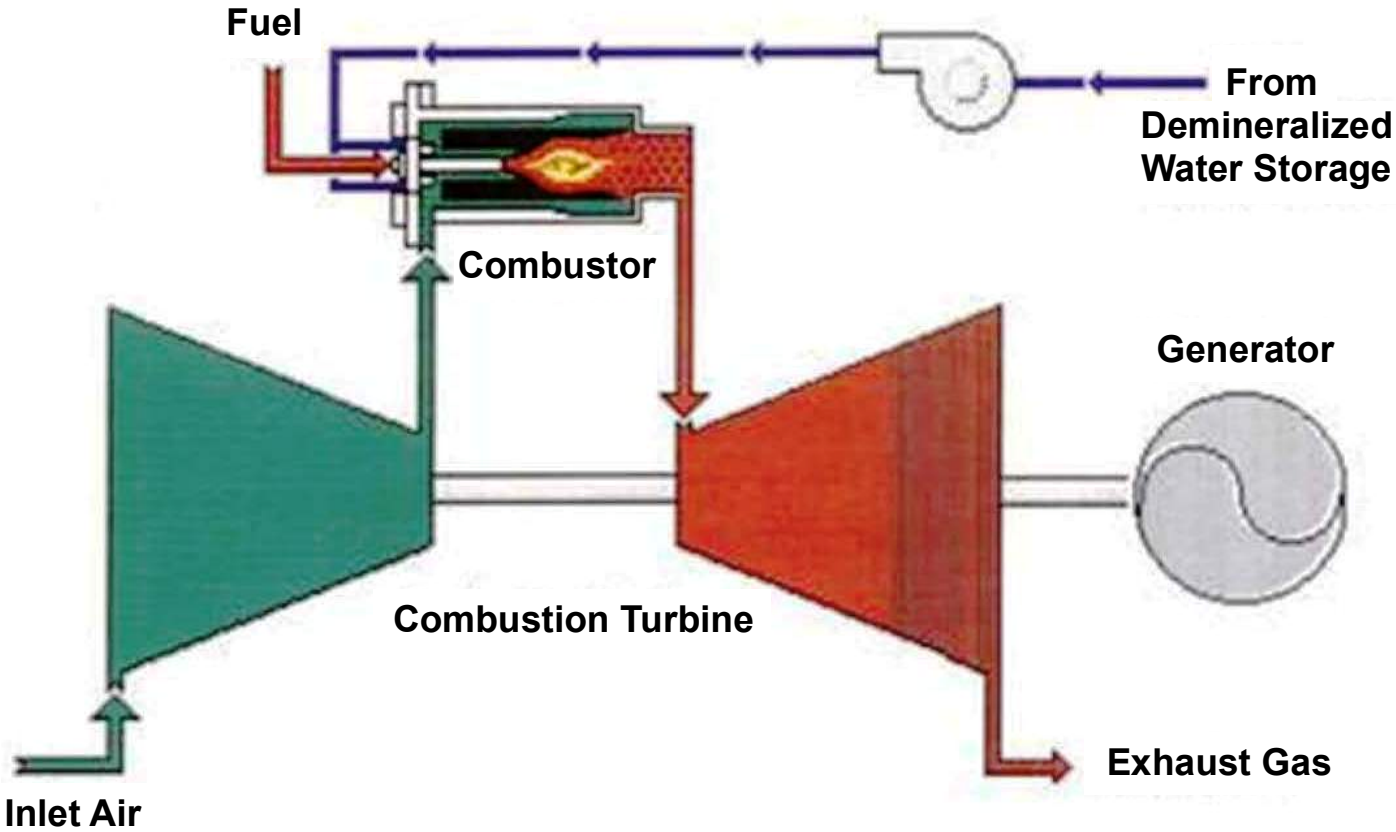

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Figure 3-1
Simple Cycle Combustion Techology

(SCCT) Technology Schematic
Elk River Peaking Station
Siting Permit Application
Great River Energy
Elk River, MN

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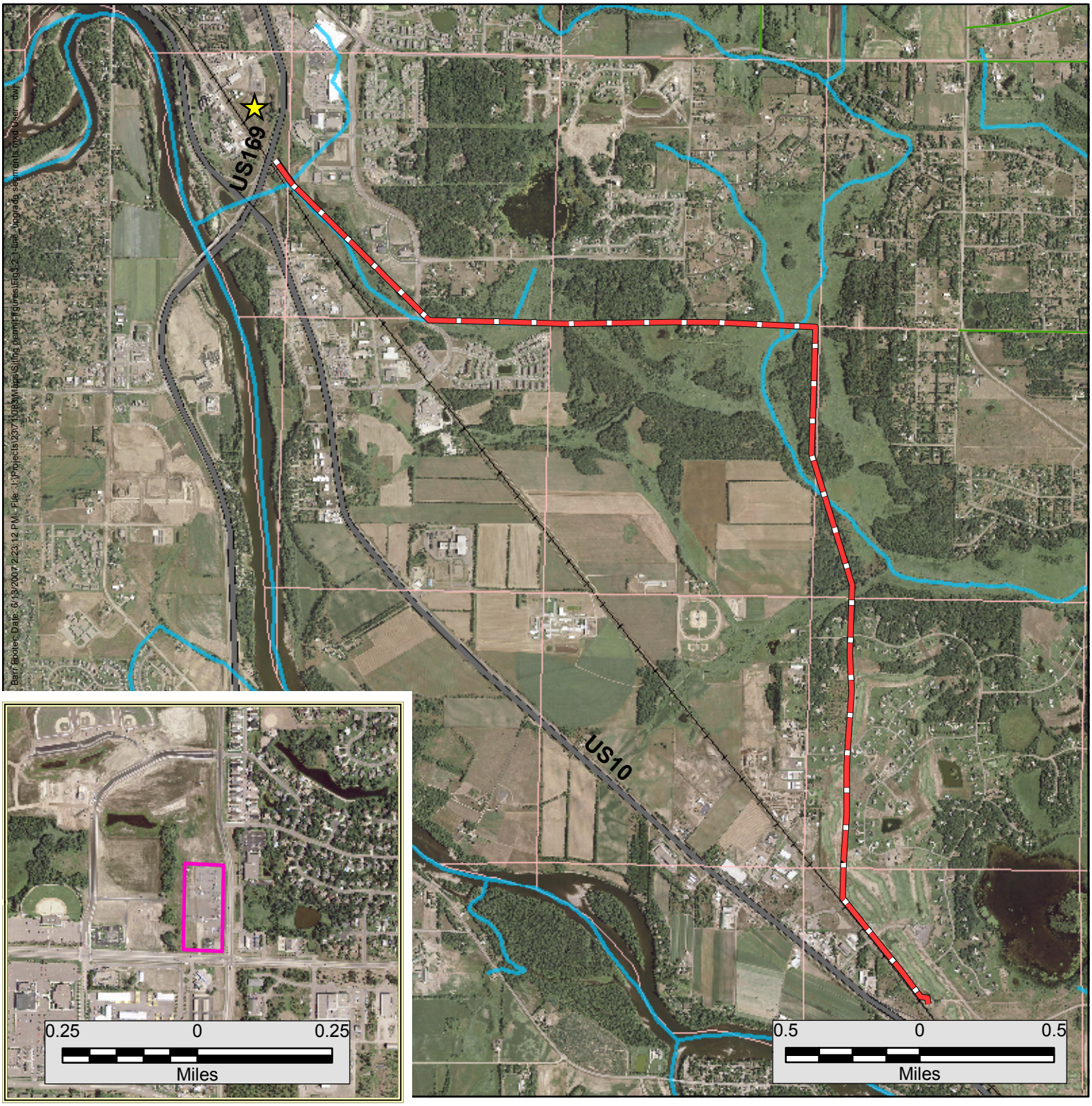

Figure 3-2
Transmission Line Upgrades and Substation Connection (Inset), Preferred Site

Elk River Peaking Station
Siting Permit Application
Great River Energy
Elk River, MN

Legend

- GREcampus & proposed plant site
- Transmission line upgrades
- Substation

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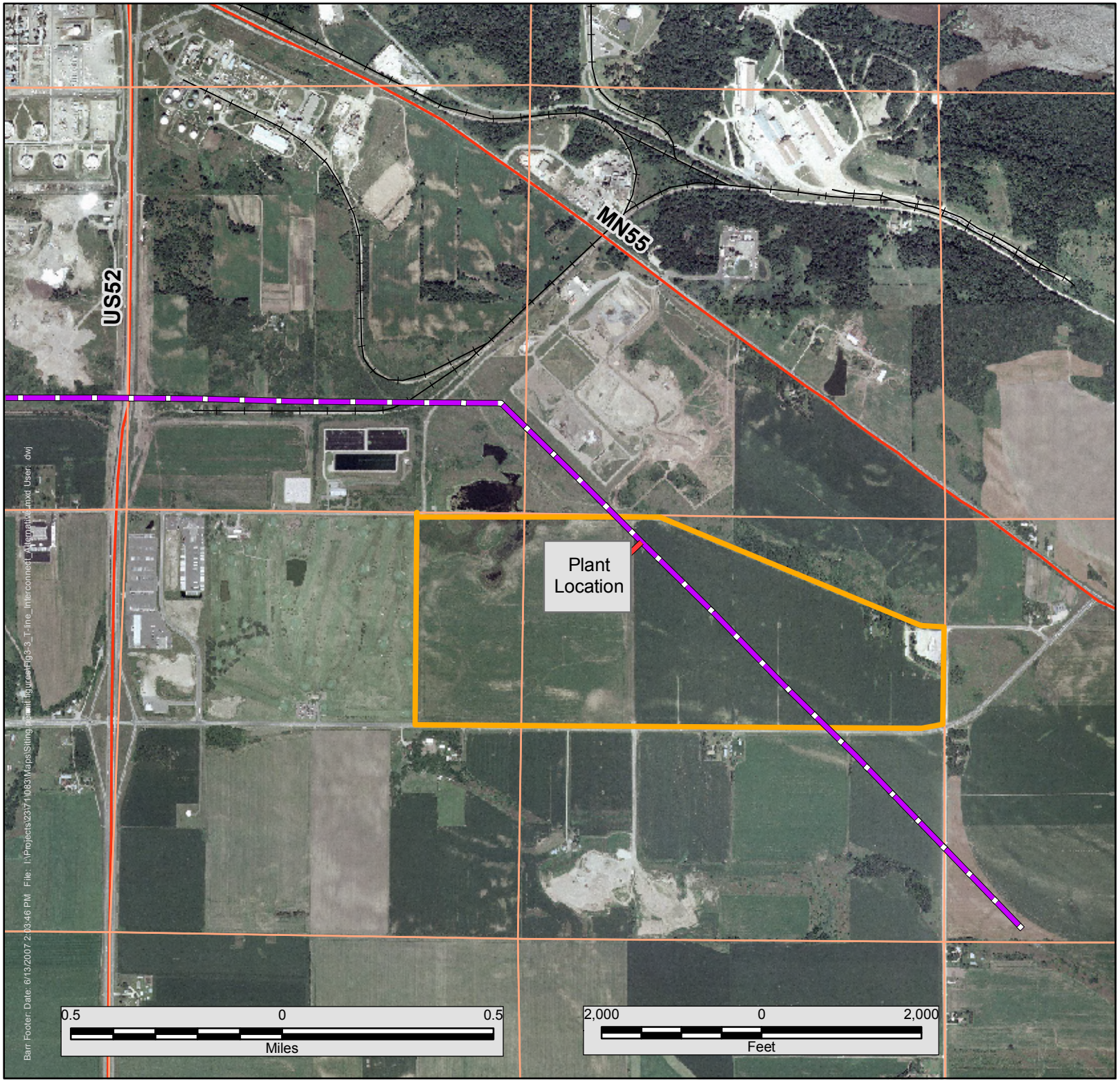

Legend

Transmission Lines -Alternative Site

- Existing 345kV line
- Interconnect*
- Rosemount site boundary

*Electric Generating Facility Connected Directly into Existing 345kV Transmission Line

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Figure 3-3
Transmission Line Interconnection Alternative Site

Elk River Peaking Station
Siting Permit Application
Great River Energy
Elk River, MN